

Chief Secretary's Office, Adelaide, November 25th, 1890.

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

J. C. BRAY, Chief Secretary.

Return of Births and Deaths registered in South Australia in the Month of October, 1885-1890.

Years	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.											Total for 1890.
* Population, Oct. 1	309,571	306,053	310,635	311,296	316,792	913	322,003											8,848
Births....	1,109	912	832	898	814	913	884											
Rate per cent.	·359	·298	·268	·288	·257	—	·275											
Deaths—							All Ages.	Under 1 year.	1 and under 5.	6 and under 20	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases	Uncertl- ified causes of Death.	
All causes	279	255	246	274	237	258	303	75	42	28	46	44	51	17	—	25	24	3,306
Rate per cent.	·090	·083	·079	·088	·075	—	·094	—	—	—	—	—	—	—	—	—	—	
Diseases—																		
I. Specific Febrile or Zymotic ..	42	29	16	26	13	—	49	14	19	7	8	—	1	—	—	—	—	
II. Parasitic	—	2	3	1	2	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic	3	1	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	45	35	51	58	47	—	52	3	5	7	16	15	5	1	—	—	—	
V. Developmental..	40	21	24	17	26	—	33	12	—	—	—	—	12	9	—	—	—	
VI. Local	120	129	109	134	118	—	135	38	14	7	14	27	29	6	—	—	—	
VII. Violence	9	19	22	17	18	—	23	1	2	7	7	2	3	1	—	—	—	
VIII. Ill-defined and not specified causes	20	19	19	21	12	—	11	7	2	—	1	—	1	—	—	—	—	

* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), which at last census was 4,521, and also the aborigines, which at last census was 6,346.

Causes of Deaths registered in the Month of October, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Other constitutional diseases	—	2	Accidents of childbirth....	—	3
Measles	—	—	V.			Diseases of locomotive sys- tem	—	—
Scarlet fever	—	—	Premature birth	9	—	Diseases of integumentary system	—	—
Relapsing fever	—	—	Cyanosis	—	—	VII.		
Influenza	—	1	Congenital defects	3	—	(Accident.)		
Whooping-cough	10	9	Old age	—	21	Fracture and contusion....	—	10
Diphtheria	—	14	VI.			Gunshot wound	—	—
Simple and ill-defined fever..	—	1	Apoplexy	1	7	Cut, stab	—	—
Enteric fever	—	4	Epilepsy	—	1	Burn and scald	—	1
Simple cholera	—	—	Convulsions	6	1	Poison	—	1
Diarrhoea, dysentery.....	3	2	Other diseases of brain and nervous system	—	10	Drowning	—	6
Remittent fever	—	—	Diseases of organs of special sense	—	1	Suffocation	—	1
Venereal affections	—	1	Diseases of circulatory sys- tem	—	30	Otherwise	1	2
Erysipelas	—	1	Croup	—	2	(Homicide.)		
Pyæmia and septicæmia	1	1	Bronchitis	14	11	Murder and manslaughter..	—	—
Puerperal fever	—	1	Pneumonia	10	7	(Suicide.)		
Other zymotic diseases	—	—	Pleurisy	—	1	Gunshot wound	—	—
II.			Other diseases of respiratory system	—	4	Cut, stab	—	—
Thrush	—	—	Dentition	1	—	Poison	—	—
Worms and other parasitical diseases	—	—	Quinsy, sore throat	—	—	Drowning	—	—
III.			Enteritis	2	—	Hanging	—	1
Privation—want of breast milk	—	—	Peritonitis	1	—	Otherwise	—	—
Alcoholism	—	—	Diseases of liver	1	2	VIII.		
IV.			Other diseases of digestive system	2	10	Dropsy	—	1
Rheumatic fever and rheuma- tism of heart	—	1	Diseases of lymphatic sys- tems and of ductless glands	—	—	Debility, atrophy, inanition	7	2
Rheumatism	—	1	Diseases of urinary system	—	6	Mortification	—	—
Gout	—	—	Diseases of generative sys- tem	—	1	Tumor	—	—
Cancer, malignant disease	—	14				Abscess	—	—
Tabes mesenterica	3	—				Hæmorrhage	—	—
Tubercular meningitis	—	5				Sudden, cause unascertained	—	—
Phthisis	—	22				Other ill-defined and not specified causes	—	1
Scrofula tuberculosis	—	4						

Return of Births and Deaths registered in City of Adelaide in the Month of October, 1885-90.

Years	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.											Total for 1890
Population, Jan. 1st	43,969	45,333	42,904	43,527	43,750	109	44,581											984
Births	130	144	105	96	69	109	118											
Rate per cent.....	·296	·318	·245	·221	·158	—	·265											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases.	Uncert- ified causes of death.	
All causes	48	53	63	49	61	55	71	11	7	5	15	17	13	3	—	4	1	764
Rate per cent.....	·109	·117	·147	·113	·139	—	·159	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	8	4	5	2	3	—	9	—	4	2	3	—	—	—	—	—	—	
II. Parasitic	—	1	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	10	8	17	17	17	—	15	2	1	—	5	6	1	—	—	—	—	
V. Developmental..	7	3	5	4	5	—	7	1	—	—	—	—	4	2	—	—	—	
VI. Local	20	31	28	23	28	—	37	7	2	3	5	11	8	1	—	—	—	
VII. Violence	2	4	6	2	2	—	3	1	—	—	2	—	—	—	—	—	—	
VIII. Ill-defined and not specified causes	1	2	1	1	4	—	—	—	—	—	—	—	—	—	—	—	—	

Causes of Deaths registered in the Month of October, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
Measles	—	—	Scrofula tuberculosis	—	1	Accidents of childbirth	—	—
Scarlet fever	—	—	Other constitutional diseases	—	1	Diseases of locomotive system	—	—
Relapsing fever	—	—				Diseases of integumentary system	—	—
Influenza	—	—	V.					
Whooping-cough	—	1	Premature birth	1	—	VII. (Accident.)		
Diphtheria	—	5	Cyanosis	—	—	Fracture and contusion....	—	2
Simple and ill-defined fever..	—	—	Congenital defects	—	—	Gunshot wound	—	—
Enteric fever	—	1	Old age	—	6	Cut, stab	—	—
Simple cholera	—	—	VI.			Burn and scald	—	—
Diarrhoea, dysentery	—	—	Apoplexy	—	—	Poison	—	—
Remittent fever	—	—	Epilepsy	—	—	Drowning	—	—
Venereal affections	—	—	Convulsions	—	—	Suffocation	—	—
Erysipelas	—	1	Other diseases of brain and nervous system	—	7	Otherwise	1	—
Pyæmia and septicæmia	—	1	Diseases of organs of special sense	—	—	(Homicide.)		
Puerperal fever	—	—	Diseases of circulatory system	—	10	Murder and manslaughter..	—	—
Other zymotic diseases	—	—	Croup	—	—	(Suicide.)		
II.			Bronchitis	4	3	Gunshot wound	—	—
Thrush	—	—	Pneumonia	2	3	Cut, stab	—	—
Worms and other parasitical diseases	—	—	Pleurisy	—	—	Poison	—	—
III.			Other diseases of respiratory system	—	2	Drowning	—	—
Privation—want of breast milk	—	—	Dentition	—	—	Hanging	—	—
Alcoholism	—	—	Quinsy, sore throat	—	—	Otherwise	—	—
IV.			Enteritis	1	—	VIII.		
Rheumatic fever and rheuma- tism of heart	—	—	Peritonitis	—	—	Dropsy	—	—
Rheumatism	—	—	Diseases of liver.....	—	1	Debility, atrophy, inanition	—	—
Gout	—	—	Other diseases of digestive system	—	1	Mortification	—	—
Cancer, malignant disease ..	—	7	Diseases of lymphatic sys- tems and of ductless glands	—	—	Tumor	—	—
Tabes mesenterica	2	—	Diseases of urinary system	—	2	Abscess	—	—
Tubercular meningitis	—	—	Diseases of generative system	—	1	Hæmorrhage	—	—
Phthisis	—	4				Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes	—	—

Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of October, 1890.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st	44,581	8,096	8,718	9,177	9,320	4,018	5,252
Persons to an acre	12·3	14·1	13·2	16·6	13·0	8·4	8·1
Births	118	20	14	28	36	10	10
Male	62	13	9	9	23	5	3
Female	56	7	5	19	13	5	7
Deaths	56	18	7	9	11	5	6
Male	32	10	5	6	6	3	2
Female	24	8	2	3	5	2	4
CLASSES.							
I. Specific Febrile or Zymotic Diseases.....	9	1	2	2	—	—	4
II. Parasitic Diseases	—	—	—	—	—	—	—
III. Dietic Diseases.....	—	—	—	—	—	—	—
IV. Constitutional Diseases	8	3	1	1	2	1	—
V. Developmental Diseases	7	4	—	1	2	—	—
VI. Local Diseases	29	9	4	5	5	4	2
VII. Violence.....	3	1	—	—	2	—	—
VIII. Ill-defined and not specified causes	—	—	—	—	—	—	—
Percentage of Deaths to population of each Ward	·126	·222	·080	·098	·118	·124	·114

Causes of Deaths registered in the Month of October, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis.....	—	1	Accidents of childbirth	—	—
Measles	—	—	Scrofula tuberculosis	—	—	Diseases of locomotive system	—	—
Scarlet fever	—	—	Other constitutional diseases.	—	1	Diseases of integumentary system	—	—
Relapsing fever	—	—						
Influenza	—	—	V.					
Whooping-cough	—	1	Premature birth	1	—			
Diphtheria	—	5	Cyanosis	—	—	VII.		
Simple and ill-defined fever ..	—	—	Congenital defects	—	—	(Accident.)		
Enteric fever	—	1	Old age	—	6	Fracture and contusion	—	2
Simple cholera	—	—				Gunshot wound	—	—
Diarrhoea, dysentery.....	—	—	VI.			Cut, stab	—	—
Remittent fever	—	—	Apoplexy	—	—	Burn and scald	—	—
Venereal affections.....	—	—	Epilepsy	—	—	Poison	—	—
Erysipelas	—	1	Convulsions	—	—	Drowning	—	—
Pyæmia and septicæmia	—	1	Other diseases of brain and nervous system.....	—	5	Suffocation	—	—
Puerperal fever	—	—	Diseases of organs of special sense	—	—	Otherwise	1	—
Other zymotic diseases	—	—	Diseases of circulatory system	—	10	(Homicide.)		
II.			Croup	—	—	Murder and manslaughter ..	—	—
Thrush	—	—	Bronchitis	4	1	(Suicide.)		
Worms and other parasitical diseases	—	—	Pneumonia	2	2	Gunshot wound	—	—
III.			Pleurisy	—	—	Cut, stab	—	—
Privation — Want of breast milk.....	—	—	Other diseases of respiratory system	—	2	Poison	—	—
Alcoholism	—	—	Dentition	—	—	Drowning	—	—
IV.			Quinsy, sore throat ..	—	—	Hanging	—	—
Rheumatic fever and rheumatism of heart	—	—	Enteritis	1	—	Otherwise	—	—
Rheumatism	—	—	Peritonitis	—	—	VIII.		
Gout	—	—	Diseases of liver	—	—	Dropsy	—	—
Cancer, malignant disease ..	—	4	Other diseases of digestive system	—	1	Debility, atrophy, inanition	—	—
Tabes mesenterica	2	—	Diseases of lymphatic systems and of ductless glands	—	—	Mortification.....	—	—
Tubercular meningitis	—	—	Diseases of urinary system ..	—	—	Tumor	—	—
			Diseases of generative system	—	1	Abscess	—	—
						Hæmorrhage	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not specified causes	—	—

G. H. AYLIFFE, Registrar-General of Births and Deaths.

OCTOBER, 1890.

The highest temperature in the shade at the Adelaide Observatory during the month was $83^{\circ}8$ on the 4th; and the lowest, $41^{\circ}8$, on the 17th. The mean temperature of the month was $59^{\circ}6$.

The greatest range of the thermometer in one day, $34^{\circ}2$, took place on the 27th, viz., from a maximum of $76^{\circ}9$ to a minimum of $42^{\circ}7$; the lowest range, $11^{\circ}0$, on the 29th.

The mean height of the barometer was 29.696 inches; the maximum, 30.163 inches, occurred on the 31st; and the minimum, 29.305 inches, on the 4th.

Observatory, Adelaide, November 11th, 1890.

C. TODD, Observer.